



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH-HAZARDOUS MATERIALS DIVISION

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http://www.sdcountry.ca.gov/deh/hmd/forms_hmd.html

UNDERGROUND STORAGE TANK SECONDARY CONTAINMENT TESTING REPORT FORM

This form is intended for use by contractors performing initial & periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), must be provided to the facility owner/operator for submittal to the County of San Diego Department of Environmental Health Hazardous Materials Division UST Group.

Establishment Number: _____

Plan Check Number: _____

1. FACILITY INFORMATION

Facility Name:		Date of Testing:
Facility Address:		Test Type:
Facility Contact:	Phone:	ÿ Initial
Date Local Agency Was Notified of Testing :		ÿ 6 month
Name of Local Agency Inspector (if present during testing):		ÿ 36 month

2. TESTING CONTRACTOR INFORMATION

Company Name:		
Technician Conducting Test:		
Credentials:	CSLB Licensed Contractor	SWRCB Licensed Tank Tester
License Type:	License Number:	
Manufacturer Training		
Manufacturer	Component(s)	Date Training Expires

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

For any equipment capable of generating a print out of test results, you must attach a copy of the test report to this certification **ÿ System printout attached.**

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: _____ Date: _____

4. TANK ANNULAR TESTING

Test Method Developed By:	Tank Manufacturer Other (<i>Specify</i>)	Industry Standard	Professional Engineer									
Test Method Used:	Pressure Other (<i>Specify</i>)	Vacuum	Hydrostatic									
Test Equipment Used:		Equipment Resolution:										
	Tank #			Tank #			Tank #			Tank #		
Is Tank Exempt From Testing? ¹	Yes	No		Yes	No		Yes	No		Yes	No	
Tank Capacity:												
Tank Material:												
Tank Manufacturer:												
Product Stored:												
Wait time between applying pressure/vacuum/water and starting test:												
Test Start Time:												
Initial Reading (R _I):												
Test End Time:												
Final Reading (R _F):												
Test Duration:												
Change in Reading (R _F -R _I):												
Pass/Fail Threshold or Criteria:												
Test Result:	„ Pass	„ Fail		„ Pass	„ Fail		„ Pass	„ Fail		„ Pass	„ Fail	
Was sensor removed for testing?	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA
Was sensor properly replaced and verified functional after testing?	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA

Comments – (include information on repairs made prior to testing, & recommended follow-up for failed tests)

[illegible]

¹ Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. {California Code of Regulations, Title 23, Section 2637(a)(6)}

5. SECONDARY PIPE TESTING

Test Method Developed By:	Piping Manufacturer Other (<i>Specify</i>)	Industry Standard	Professional Engineer	
Test Method Used:	Pressure Other (<i>Specify</i>)	Vacuum	Hydrostatic	
Test Equipment Used:		Equipment Resolution:		
	Piping Run #	Piping Run #	Piping Run #	Piping Run #
Piping Material:				
Piping Manufacturer:				
Piping Diameter:				
Length of Piping Run:				
Product Stored:				
Method and location of piping-run isolation:				
Wait time between applying pressure/vacuum/water and starting test:				
Test Start Time:				
Initial Reading (R _I):				
Test End Time:				
Final Reading (R _F):				
Test Duration:				
Change in Reading (R _F -R _I):				
Pass/Fail Threshold or Criteria:				
Test Result:	„ Pass „ Fail	„ Pass „ Fail	„ Pass „ Fail	„ Pass „ Fail

Comments – (include information on repairs made prior to testing, and recommended follow-up for failed tests)

[illegible]

6. PIPING SUMP TESTING

Test Method Developed By:	Sump Manufacturer Other (<i>Specify</i>)	Industry Standard	Professional Engineer
Test Method Used:	Pressure Other (<i>Specify</i>)	Vacuum	Hydrostatic
Test Equipment Used:		Equipment Resolution:	
	Sump #	Sump #	Sump #
Sump Diameter:			
Sump Depth:			
Sump Material:			
Height from Tank Top to Top of Highest Piping Penetration:			
Height from Tank Top to Lowest Electrical Penetration:			
Condition of sump prior to testing:			
Portion of Sump Tested ²			
Does turbine shut down when sump sensor detects liquid (both product and water)?*	Yes No NA	Yes No NA	Yes No NA
Turbine shutdown response time			
Is system programmed for fail-safe shutdown?*	Yes No NA	Yes No NA	Yes No NA
Was fail-safe verified to be operational?*	Yes No NA	Yes No NA	Yes No NA
Wait time between applying pressure/vacuum/water and starting test:			
Test Start Time:			
Initial Reading (R _I):			
Test End Time:			
Final Reading (R _F):			
Test Duration:			
Change in Reading (R _F -R _I):			
Pass/Fail Threshold or Criteria:			
Test Result:	„ Pass „ Fail	„ Pass „ Fail	„ Pass „ Fail
Was sensor removed for testing?	Yes No NA	Yes No NA	Yes No NA
Was sensor properly replaced and verified functional after testing?	Yes No NA	Yes No NA	Yes No NA

Comments – (include information on repairs made prior to testing, and recommended follow-up for failed tests)

² If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is “NO” or “NA”, the entire sump must be tested. (See SWRCB LG-160)

7. UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	UDC Manufacturer Other (<i>Specify</i>)	Industry Standard	Professional Engineer
Test Method Used:	Pressure Other (<i>Specify</i>)	Vacuum	Hydrostatic
Test Equipment Used:		Equipment Resolution:	
	UDC #	UDC #	UDC #
UDC Manufacturer:			
UDC Material:			
UDC Depth:			
Height from UDC Bottom to Top of Highest Piping Penetration:			
Height from UDC Bottom to Lowest Electrical Penetration:			
Condition of UDC prior to testing:			
Portion of UDC Tested ³			
Does turbine shut down when UDC sensor detects liquid (both product and water)?*	Yes No NA	Yes No NA	Yes No NA
Turbine shutdown response time			
Is system programmed for fail-safe shutdown?*	Yes No NA	Yes No NA	Yes No NA
Was fail-safe verified to be operational?*	Yes No NA	Yes No NA	Yes No NA
Wait time between applying pressure/vacuum/water and starting test			
Test Start Time:			
Initial Reading (R _I):			
Test End Time:			
Final Reading (R _F):			
Test Duration:			
Change in Reading (R _F -R _I):			
Pass/Fail Threshold or Criteria:			
Test Result:	„ Pass „ Fail	„ Pass „ Fail	„ Pass „ Fail
Was sensor removed for testing?	Yes No NA	Yes No NA	Yes No NA
Was sensor properly replaced and verified functional after testing?	Yes No NA	Yes No NA	Yes No NA

Comments – (include information on repairs made prior to testing, and recommended follow-up for failed tests)

³ If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is “NO” or “NA”, the entire UDC must be tested. (See SWRCB LG-160)

8. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps																
Fill Riser Containment Sumps are Present, but were Not Tested																
Test Method Developed By:			Sump Manufacturer Other (<i>Specify</i>)			Industry Standard			Professional Engineer							
Test Method Used:			Pressure Other (<i>Specify</i>)			Vacuum			Hydrostatic							
Test Equipment Used:						Equipment Resolution:										
			Fill Sump #		Fill Sump #		Fill Sump #			Fill Sump #						
Sump Diameter:																
Sump Depth:																
Height from Tank Top to Top of Highest Piping Penetration:																
Height from Tank Top to Lowest Electrical Penetration:																
Condition of sump prior to testing:																
Portion of Sump Tested																
Sump Material:																
Wait time between applying pressure/vacuum/water and starting test:																
Test Start Time:																
Initial Reading (R _I):																
Test End Time:																
Final Reading (R _F):																
Test Duration:																
Change in Reading (R _F -R _I):																
Pass/Fail Threshold or Criteria:																
Test Result:	„ Pass „ Fail		„ Pass „ Fail		„ Pass „ Fail		„ Pass „ Fail			„ Pass „ Fail						
Is there a sensor in the sump?	Yes	No			Yes	No			Yes	No			Yes	No		
Does the sensor alarm when either product or water is detected?	Yes	No	NA		Yes	No	NA		Yes	No	NA		Yes	No	NA	
Was sensor removed for testing?	Yes	No	NA		Yes	No	NA		Yes	No	NA		Yes	No	NA	
Was sensor properly replaced and verified functional after testing?	Yes	No	NA		Yes	No	NA		Yes	No	NA		Yes	No	NA	

Comments – (include information on repairs made prior to testing, and recommended follow-up for failed tests)

[illegible]

9. SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Spill/Overfill Containment Boxes				
Spill/Overfill Containment Boxes are Present, but were Not Tested				
Test Method Developed By:		Spill Bucket Manufacturer Other (<i>Specify</i>)	Industry Standard	Professional Engineer
Test Method Used:		Pressure Other (<i>Specify</i>)	Vacuum	Hydrostatic
Test Equipment Used:			Equipment Resolution:	
	Spill Box #	Spill Box #	Spill Box #	Spill Box #
Bucket Diameter:				
Bucket Depth:				
Wait time between applying pressure/vacuum/water and starting test:				
Test Start Time:				
Initial Reading (R _I):				
Test End Time:				
Final Reading (R _F):				
Test Duration:				
Change in Reading (R _F -R _I):				
Pass/Fail Threshold or Criteria:				
Test Result:	„ Pass „ Fail	„ Pass „ Fail	„ Pass „ Fail	„ Pass „ Fail

Comments – (include information on repairs made prior to testing, and recommended follow-up for failed tests)

Send Completed Form to:
County of San Diego,
Department of Environmental Health,
Hazardous Materials Division, UST Group
P.O. Box 129261
San Diego CA 92112-9261